

EAST SEARCH - *ERL* - 2/2/2006

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 11 | ("20010023751" "4385961" "4388150" "4643800" "4643801" "4753710" "4913775" "4997523" "5098520" "5131982" "5185062").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/02 14:19 |
| S2 | 7 | ((("4643801") or ("4927498") or ("4954220") or ("5176891") or ("5279807") or ("5167766") or ("5274055"))).PN. | USPAT; USOCR | OR | OFF | 2006/02/02 08:20 |
| S3 | 2 | EP-359552-\$.did. | EPO; DERWENT | OR | ON | 2006/02/02 09:11 |
| S4 | 162 | (162/DIG.4).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 09:28 |
| S5 | 8049 | (162/4,5,10,158,164.1,164.3,164.6,166,147,168.1-168.3,181.1,181.3,181.8,183,189-191).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 09:12 |
| S6 | 364 | (162/8).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 09:17 |
| S7 | 8290 | S4 or S5 or S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 09:17 |
| S8 | 31 | (cationic adj polymer) and (anionic with (clay or bentonite or smectite or silica or polysilicate or polysilicic or particle or microparticle)) and (paper or papermaking) and pitch and ((repulped or broke or waste or recycle\$1) near2 paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 09:57 |
| S9 | 31 | S8 and (particle or microparticle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 09:41 |
| S10 | 9 | (cationic adj polymer) and (anionic with microparticle) and (paper or papermaking) and pitch and ((repulped or broke or waste or recycle\$1) near2 paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 10:02 |

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| S11 | 10 | (cationic adj polymer) and (anionic with microparticle) and (paper or papermaking) and stickies and ((repulped or broke or waste or recycle\$1) near2 paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 10:09 |
| S12 | 144 | (cationic adj polymer) and (microgel or colloidal adj silica) and (paper or papermaking) and ((repulped or broke or waste or recycle\$1) near2 paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 10:10 |
| S13 | 169 | (cationic adj polymer) and (microparticle or microgel or colloidal adj silica) and (paper or papermaking) and ((repulped or broke or waste or recycle\$1) near2 paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 10:10 |
| S14 | 0 | polyethylene\$1polyamine and (react\$3 with (alkylene\$1polyamine and alkyl\$1halide)) | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 13:00 |
| S15 | 0 | polyethylene\$1polyamine and (react\$3 with (ethylene\$1polyamine and ethyl\$1halide)) | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 13:00 |
| S16 | 0 | polyethylene\$1polyamine and (react\$3 with (ethylene\$1polyamine and ethyl\$1chloride)) | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 13:01 |
| S17 | 2793 | (polyethylene adj polyamine) | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 13:02 |
| S18 | 391 | (ethylene adj diamine) and (ethyl adj chloride) | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 13:07 |
| S19 | 17 | S17 and S18 | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 13:03 |
| S20 | 1108 | (ethylene adj diamine) and ((ethyl or ethylene) adj dichloride) | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 13:15 |
| S21 | 80 | S18 and S20 | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 13:07 |

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| S22 | 295 | (ethylene\$5amine) with (dichloride) | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 13:16 |
| S23 | 148 | (ethylene\$5amine) with (dichloride) with react\$3 | USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 13:16 |
| S24 | 1 | ("4305781").PN. | USPAT; USOCR | OR | OFF | 2006/02/02 14:19 |
| S25 | 0 | ("(polyethylene\$1amineorpolyalkyle ne\$1amine)and(s9ors10ors11ors12) ").PN. | USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/02/02 15:06 |
| S26 | 31 | (cationic adj polymer) and (anionic with (clay or bentonite or smectite or silica or polysilicate or polysilicic or particle or microparticle)) and (paper or papermaking) and pitch and ((repulped or broke or waste or recycle\$1) near2 paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 15:07 |
| S27 | 31 | S26 and (particle or microparticle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 15:07 |
| S28 | 9 | (cationic adj polymer) and (anionic with microparticle) and (paper or papermaking) and pitch and ((repulped or broke or waste or recycle\$1) near2 paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 15:07 |
| S29 | 10 | (cationic adj polymer) and (anionic with microparticle) and (paper or papermaking) and stickies and ((repulped or broke or waste or recycle\$1) near2 paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 15:07 |
| S30 | 144 | (cationic adj polymer) and (microgel or colloidal adj silica) and (paper or papermaking) and ((repulped or broke or waste or recycle\$1) near2 paper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 15:07 |
| S31 | 2 | (polyethylene\$1amine or polyalkylene\$1amine) and (S27 or S28 or S29 or S30) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 15:08 |
| S32 | 160 | (S27 or S28 or S29 or S30) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 15:08 |

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| S33 | 30 | S32 and (polyalkyleneamine or polyethyleneamine or (polyalkylene adj polyamine) or (polyethylene adj polyamine) or (polyethylene adj amine) or (polyalkylene adj amine)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/02 15:10 |
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